



USTRANSCOM



AT21 Briefing to the Distribution Steering Group

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14 Jun 06



PURPOSE

- Background
- Requirement
- Way Ahead

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BACKGROUND

- Advanced Concept Technology Demonstration (ACTD) conducted 2003-2005 in partnership with DISA
 - Demonstrated applicability of COTS supply chain management tools for collaboration, controlled business processes, and optimization/scheduling in support of deployment planning processes
- ACTD transition resulted in:
 - Implementation of TransViz tool to provide collaborative TPFDD visualization and analysis
 - Focus Warfighter initiative – USTRANSCOM organizational realignment and business process transformation
 - New acquisition – AT21 program approved by DUSD(AS&C) and registered with OSD comptroller as new

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AT21 LINKS TO DPO CAPABILITY GAPS

- Priority 1 Intransit Visibility
- Priority 2 Distribution Planning and Forecasting
- Priority 3 Joint Transportation Interface
- Priority 9 Cargo Booking
- Priority 20 Customer Service

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AT21 PROGRAM SCOPE

- AT21 will modernize deployment and distribution planning business processes and provide commercially-proven decision support tools that produce optimal intermodal distribution solutions:
 - Increment 1 Rqmts Consolidation and Workflow Mgt
 - Increment 2 Strategic Level Optimization & Scheduling
 - Increment 3 Operational Level Optimization & Scheduling

Note: Increment 1 has been USTRANSCOM funded and approved. Increments 2 and 3 have not yet been approved for implementation.

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FUSION CENTER PROCESS

Requirements

Planning Factors

COCOM-ORIENTED

DIVISIONS

ASSESS

J3-X, J3-G, J3-O
XOP, XOO
XOG, GPMRC
G3/G5
MSC

PLAN

J3-X, J3-G, J3-O
XOP, XOO
XOG, GPMRC
XOB, XOW,
G3/G5
MSC

National & COCOM
Competing

Supplier Requirements Consumption Rates
locations

Airlift Capacity Sealift Capacity

Production Capacity Commercial vs. Organic Costs

Multi-modal
End to End
Transportation

CONOPS
Detailed Tasking

EXECUTE

J3-DD
XOC, XOZ, XOG, XOO
GPMRC
G3 OPS
MSC
JTF-PO
JDDOC

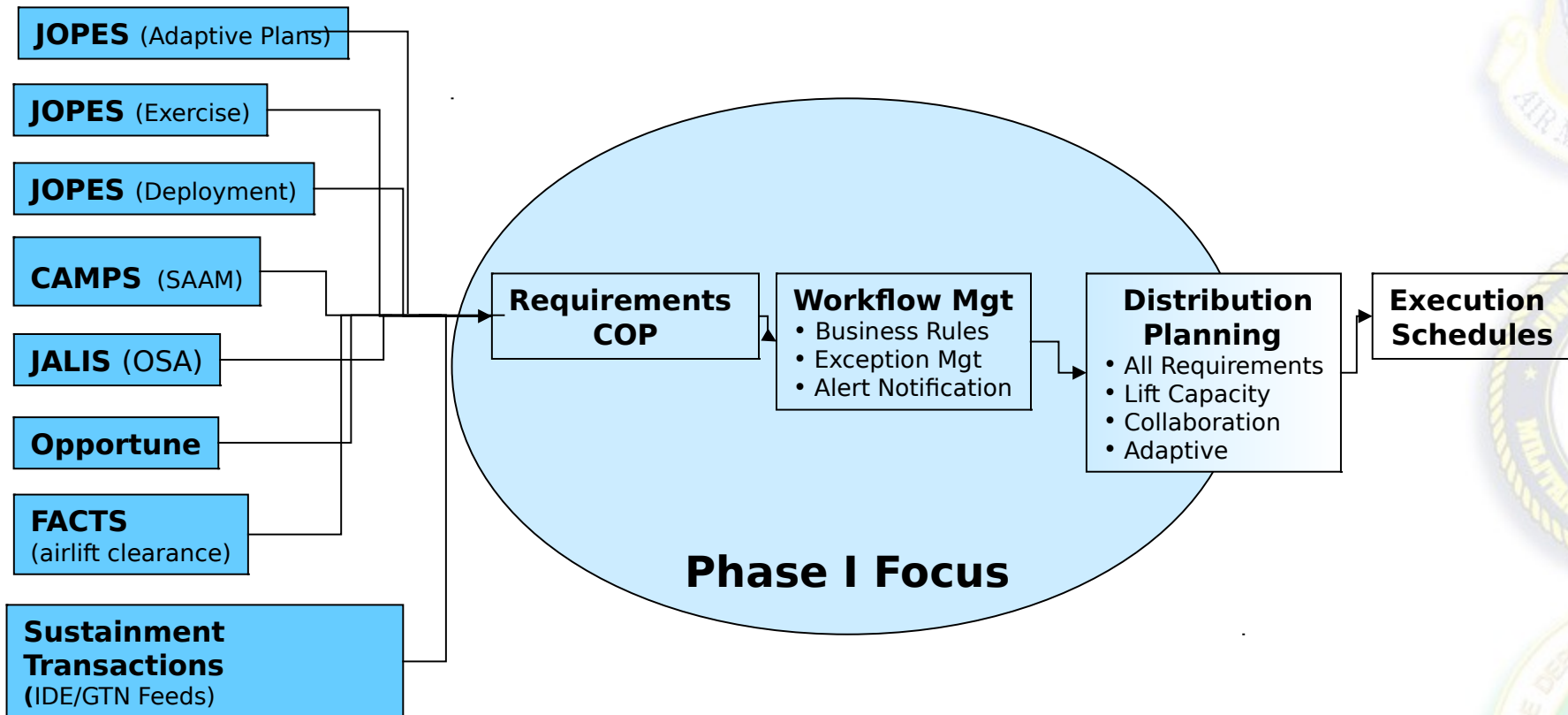
- Develop & Operate Responsive Mobility System
- Transform the Way We Work Together

Directly supports JL (D) JIC shortfalls:

Conduct JDDE assess & plan, Control JDDE ops, Conduct JDDE perf analysis



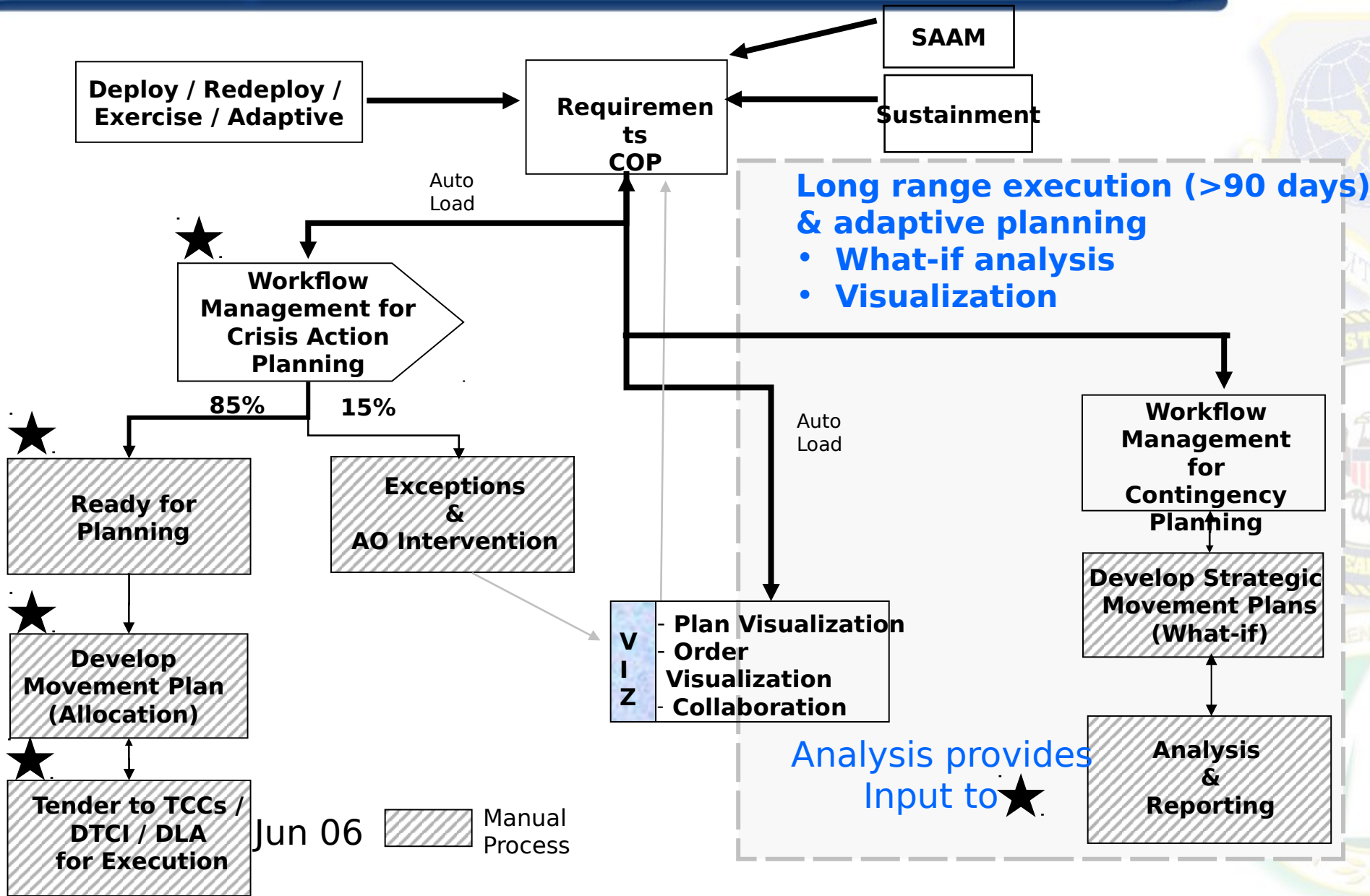
PHASE I OBJECTIVE



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OBJECTIVE FUSION CENTER PROCESS FLOW WITH AT21





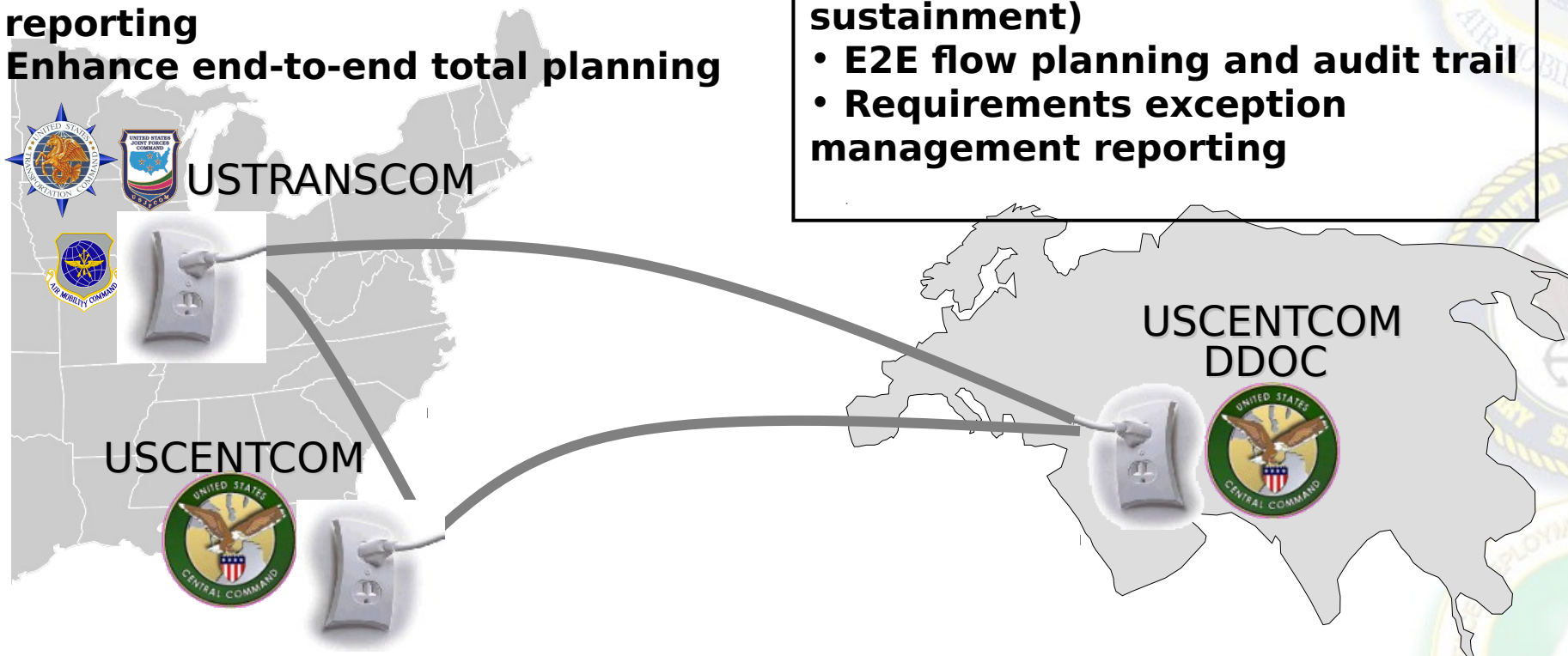
NEAR-TERM VALUE: PHASE I

USTRANSCOM Fusion Center:

- Focus Warfighter processes enabled
- Requirements consolidation
- Planning workflow exception mgt reporting
- Enhance end-to-end total planning

All COCOMs:

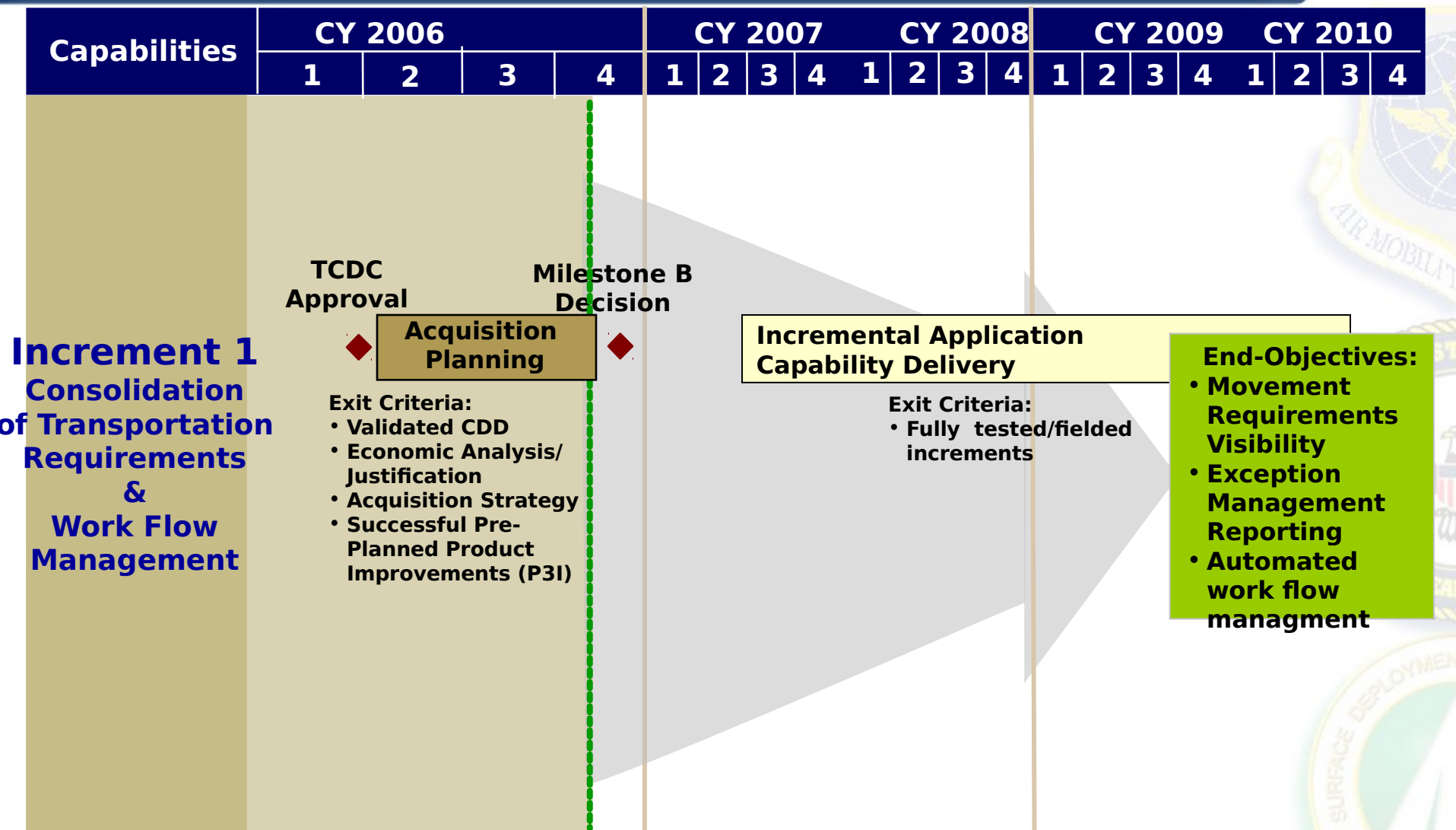
- Requirements visibility (Deploy/redeploy, SAAM, sustainment)
- E2E flow planning and audit trail
- Requirements exception management reporting



- 1st step toward maximizing capacity/event management
 - Adaptive planning enabler
 - JL (D) JIC Imperatives



Tentative Program Timeline



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Questions?

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